Tala Yaacoub, Communication Engineer

Beirut, Lebanon

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SUMMARY

Communication Engineering graduate currently pursuing a Master's in Computer and Communications Engineering (MCCE). Skilled in wireless communication, networking, and digital systems. Strong problem-solving abilities, technical proficiency, and a commitment to continuous learning and development. Actively seeking opportunities to apply and expand engineering expertise in real-world environments.

EDUCATION

Lebanese International University *Master of Science in Computer & communication engineering*   *Oct. 2024 – present*

Lebanese International University *Bachelor of Science in Communication engineering*   *Oct. 2021 – Jun. 2024*

EXPERIENCE

Web developer Intern, *IDS Fintech*   *Jan.2025 – Apr.2025*

- Developed and maintained responsive, front-end components using React (TypeScript), adhering to modern web development practices.
- Implemented component-based architecture and state management solutions to enhance application scalability.
- Integrated APIs and ensured robust TypeScript typing for improved code reliability and maintainability.
- Collaborated in code reviews and team discussions to optimize performance and adopt best practices.

Web developer Intern, *The Pixel Company*   *Jun. 2024 – Aug. 2024*

- Developed and maintained responsive, visually appealing front-end components.
- Assisted in debugging and optimizing code to improve application performance.
- Participated in code reviews and contributed to team discussions on best practices.

PROJECTS

Hospital management system

- Developed a responsive and user-friendly hospital management system using HTML, CSS, and JavaScript.to streamline patient registration, appointment scheduling.
- Utilized PHP and XAMPP to create a robust backend that manages patient data, doctor schedules.

Vaccination Website

- Designed a responsive and accessible website using HTML, CSS, and JavaScript to facilitate easy navigation and user interaction, allowing users to register for COVID-19 vaccinations, book appointments, and access vaccination information.
- Developed the backend using PHP and XAMPP to handle user registrations, appointment scheduling, and vaccination records securely, ensuring the protection of sensitive user data and smooth operation of the system.
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TECHNICAL SKILLS

Programming Languages:
- **Java , Python , C/C++ , TypeScript, React.js, Node.js**
- **HTML/CSS , JavaScript , PHP, Assembly (RISC-V)**
- **MySQL, SQL Server, MongoDB, Git/GitHub, Linux, Networking, JSON**

LANGUAGES

- Arabic-Native Proficiency   - English-Professional Working Proficiency